

Abstract

The present invention relates to a device for measuring transmission and reflection properties of objects and surfaces and a method for operating said device. The device is equipped with a housing, an optical measuring base unit and preferably a source of radiation for emitting radiation at a predetermined angle onto a measurement surface, as well as a detecting means for detecting the radiation reflected from said measurement surface. An elastic retaining means serves to elastically support the optical measuring base unit in the housing such that a touchdown surface for setting down said optical measuring base unit on the measurement surface is disposed external the housing and assumes a predetermined stressed position relative the housing in the unpositioned state.

(Fig. 1)